

Title (en)

METHOD FOR MAKING FIBRE BOX-LIKE CONTAINERS AND RELATED COVERS, AND CONTAINERS MADE THEREBY

Publication

**EP 0448524 A3 19911113 (EN)**

Application

**EP 91830089 A 19910312**

Priority

IT 1971590 A 19900319

Abstract (en)

[origin: EP0448524A2] The present invention relates to a method for making fibre-box like containers and related covers, which comprises the steps of making a tubular body, (1) including superimposed sheets of a paper material, and stretching this tubular body by rollers (2) arranged at corner portions thereof, in order to cause the tubular body to assume a substantially parallelepipedal shape. The main feature of the invention is that the method further comprises the steps of: deforming, by a mold, (11,21) an axial end of the tubular body, so as to provide a substantially parallel edge band recessed with respect to the side surface of the tubular body, inwardly bending the corner regions in order to remove the material excess and, finally forming a cover having the same peripheral extension as the box-like body. <IMAGE>

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Citation (search report)

- [XP] FR 2645119 A1 19901005 - HANSJORG FASSLER [CH]
- [Y] US 2892749 A 19590630 - CARPENTER HERBERT L
- [Y] DE 518981 C 19310221 - MAX STAHR
- [Y] US 4292787 A 19811006 - BUSCHOR JOSEF J, et al
- [A] DE 644209 C 19370429 - JAGENBERG WERKE AG
- [A] US 2380462 A 19450731 - PETERS JOHN F
- [A] BE 847921 A 19770301
- [A] GB 123823 A 19190307 - FORD THOMAS
- [A] FR 453414 A 19130607 - EUGENE VAN DOREN [BE]
- [A] GB 511844 A 19390825 - CELLULOID CORP

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